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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,491	03/10/2004	Krisztian Kiss	0429338/273086	5661

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EXAMINER	
CONTEE, JOY KIMBERLY	
ART UNIT	PAPER NUMBER
2617	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/25/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/797,491	KISS ET AL.	
	Examiner	Art Unit	
	Joy K. Contee	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *10 March 2004*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-21* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-21* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *10 March 2004* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *3/10/04,10/16/06*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Dowling, US Patent No. 7,142,843.

Regarding claim 1, Dowling discloses a system for pushing content to a terminal located within one of a mobile network and a private network, the system comprising: a network node located across a public network from the network including the terminal, wherein the network node is capable of subscribing to a push service on behalf of the terminal such that the network node is also capable of receiving push content in accordance with the push service, wherein the network node is thereafter capable of establishing a network-initiated data session with the terminal, and wherein the network node is further capable of registering the terminal in response to the network-initiated data session such that the terminal is capable of receiving the push content based upon the registration (col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 2, Dowling discloses a system according to claim 1, wherein the network node is capable of receiving, and thereafter storing in a buffer, the push content, and wherein the network node is capable of sending the push content to the terminal from the buffer(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 3, Dowling discloses a system according to claim 1, wherein the network node is capable of registering the terminal such that the terminal is capable of subscribing to the push service based upon the registration, and thereafter receiving the push content based upon the terminal subscribing to the push service(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 4, Dowling discloses a system according to claim 1, wherein the network node is capable of establishing a network-initiated data session with the terminal by sending a trigger to the terminal independent of the public network to thereby trigger the terminal to register with the network node. (col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 5, Dowling discloses a system according to claim 1, wherein the network node is capable of receiving a registration message from the terminal across the public network to thereby identify the terminal across the public network and register the terminal, and wherein the network node is capable of registering the terminal such that the terminal is capable of receiving the push content based upon the identity of the terminal across the public network(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 6, Dowling discloses a system according to claim 5, wherein the network node is capable of receiving a registration message from the terminal via at least one of a network address translator (NAT) and a firewall (FW) located between the network node and the terminal, and wherein the network node is capable of establishing a network-initiated data session in a manner independent of the at least one of the NAT and FW(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 7, Dowling discloses a system according to claim 1, wherein the network node comprises a Session Initiation Protocol (SIP) proxy (col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 8, Dowling discloses a method of pushing content to a terminal located within one of a mobile network and a private network, the method comprising: subscribing to a push service from a network node located across a public network from the network including the terminal, wherein subscribing to a push service comprises subscribing to a push service on behalf of the terminal; receiving push content at the network node in accordance with the push service; establishing, at the network node, a network-initiated data session with the terminal; registering the terminal with the network node in response to the network-initiated data session; and sending the push content to the terminal based upon the registration(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 9, Dowling discloses a method according to claim 8, wherein receiving push content at the network node further comprises storing the push content in a buffer at the network node, and wherein sending the push content comprises

sending the push content to the terminal from the buffer(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 10, Dowling discloses a method according to claim 8 further comprising: subscribing to the push service from the terminal based upon the registration, wherein sending the push content comprises sending the push content to the terminal based upon subscribing to the push service from the terminal(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 11, Dowling discloses a method according to claim 8, wherein establishing a network-initiated data session with the terminal comprises sending a trigger from the network node to the terminal independent of the public network to thereby trigger the terminal to register with the network node(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 12, Dowling discloses a method according to claim 8, wherein registering the terminal comprises receiving a registration message at the network node from the terminal across the public network to thereby identify the terminal across the public network, and wherein sending the push content comprises sending the push content based upon the identity of the terminal across the public network(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 13, Dowling discloses a method according to claim 12, wherein receiving a registration message comprises receiving a registration message at the network node from the terminal via at least one of a network address translator (NAT) and a firewall (FW) located between the network node and the terminal, and wherein

establishing a network-initiated data session comprises establishing a network-initiated data session in a manner independent of the at least one of the NAT and FW(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 14, Dowling discloses a method according to claim 8, wherein subscribing to a push service comprises subscribing to a push service from a network node comprising a Session Initiation Protocol (SIP) proxy(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 15, Dowling discloses a terminal located within one of a mobile network and a private network, the terminal comprising: a controller capable of instructing a network node to subscribe to a push service on behalf of the terminal such that the network node receives push content in accordance with the push service, the network node being located across a public network from the network including the terminal, wherein the controller is capable of instructing the network node to subscribe to the push service such that the network node also establishes a network-initiated data session with the terminal, wherein the controller is capable of registering the terminal with the network node in response to the network-initiated data session, and thereafter receiving the push content based upon the registration(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 16, Dowling discloses a terminal according to claim 15, wherein the controller is capable of instructing the network node to subscribe to the push service such that the network node receives, and stores in a buffer, push content such that the

controller is capable of receiving the push content from the buffer(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 17, Dowling discloses a terminal according to claim 15, wherein the controller is capable of subscribing to the push service based upon the registration, and wherein the controller is capable of receiving the push content based upon subscribing to the push service from the terminal(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 18, Dowling discloses a terminal according to claim 15, wherein the controller is capable of receiving a trigger from the network node to the terminal independent of the public network to thereby establish a network-initiated data session and trigger the terminal to register with the network node(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 19, Dowling discloses a terminal according to claim 15, wherein the controller is capable of sending a registration message to the network node across the public network to thereby identify the terminal across the public network such that the network node is capable of registering the terminal, and wherein the controller is capable of receiving the push content based upon the identity of the terminal across the public network(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 20, Dowling discloses a terminal according to claim 19, wherein the controller is capable of sending a registration message to the network node via at least one of a network address translator (NAT) and a firewall (FW) located between the network node and the terminal, and wherein the controller is capable of instructing the

network node to subscribe to the push service such that the network node establishes the network-initiated data session in a manner independent of the at least one of the NAT and FW(col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Regarding claim 21, Dowling discloses a terminal according to claim 15, wherein the controller is capable of instructing a network node comprising a Session Initiation Protocol (SIP) proxy to subscribe to a push service on behalf of the terminal. (col. 4,line 21 to col. 5,line 36 and col. 6,line 7 to col. 10, line 67).

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joy K. Contee whose telephone number is 571.272.7906. The examiner can normally be reached on Monday through Friday, 5:30 a.m. to 2:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571.272.7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JC

ADY K. CONTEE
PATENT EXAMINER